CUI DEVICES

date 07/01/2020

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MODEL: CLS0231MA3E-L152 | DESCRIPTION: SPEAKER

FEATURES

- 23 mm
- round frame
- 0.2 W
- 32 Ω
- neodymium magnet
- mylar cone
- wire leads





SPECIFICATIONS

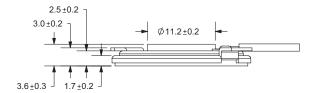
parameter	conditions/description	min	typ	max	units	
input power			0.2	0.4	W	
impedance	at 1.0 kHz, 1.0 V	27.2	32	36.8	Ω	
resonant frequency (Fo)	at 1.0 V	544	680	816	Hz	
frequency response		Fo		7,000	Hz	
sound pressure level	at 0.2 W, 50 cm, avg at 1.0, 1.2, 1.5, 2.0 kHz	81	84	87	dB	
buzz, rattle, etc.	must be normal at sine wave			2.53	V	
dimensions	Ø23 x 3.6				mm	
magnet	Nd-Fe-B					
cone material	mylar					
terminal	wire leads					
weight			3.6		g	
operating temperature		-25		60	°C	
hand soldering	for maximum 3 seconds	340	350	360	°C	
RoHS	yes					

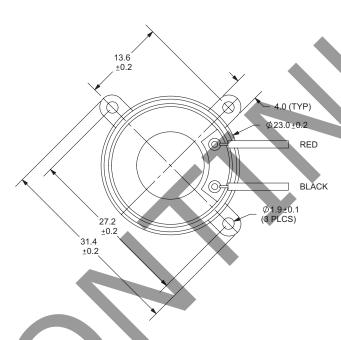


MECHANICAL DRAWING

units: mm

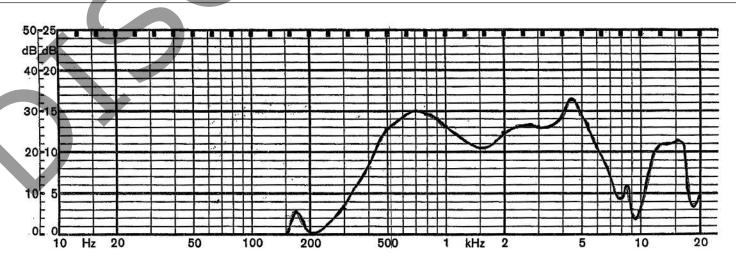
wire: UL1007 28 AWG length: 152 mm





FREQUENCY RESPONSE CURVE

parameter	conditions/description
potentiometer range	50 dB
rectifier	RMS
lower limit frequency	20 Hz
wr. speed	100 mm/sec
zero level	60 dB



REVISION HISTORY

rev.	description	date	
1.0	initial release	07/03/2007	
1.01	added mounting hole dimension	01/31/2008	
1.02	brand update	07/01/2020	

The revision history provided is for informational purposes only and is believed to be accurate.



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